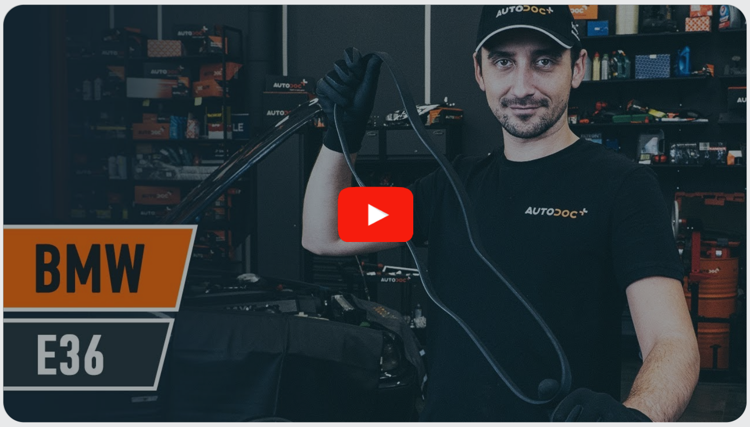
AUTODOC CLUB

How to change serpentine belt on **BMW E36** – replacement guide

VIDEO TUTORIAL



Important!

This replacement procedure can be used for:
BMW 3 Saloon (E36) 320i 2.0, BMW 3 Coupe (E36) 320i 2.0, BMW 3 Saloon (E36) 325i 2.5, BMW 3 Coupe (E36) 325i 2.5, BMW 5 Saloon (E34) 520i 2.0 24V, BMW 5 Saloon (E34) 525i 2.5 24V, BMW 5 Saloon (E34) 525iX 2.5 24V, BMW 5 Touring (E34) 520i 2.0, BMW 5 Touring (E34) 525i 2.5, BMW 5 Touring (E34) 525ix 2.5, BMW 3 Convertible (E36) 320i 2.0, BMW 3 Convertible (E36) 325i 2.5, BMW 3 Touring (E36) 320i 2.0, BMW 3 Touring (E36) 328i 2.8, BMW 3 Saloon (E36) 328i 2.8, (+ 19)

The steps may slightly vary depending on the car design.

REPLACEMENT: SERPENTINE BELT – BMW E36. TOOLS YOU MIGHT NEED:



- Torque wrench
- Drive socket # 13
- Drive socket # 16
- Ratchet wrench
- Fender cover

BUY TOOLS

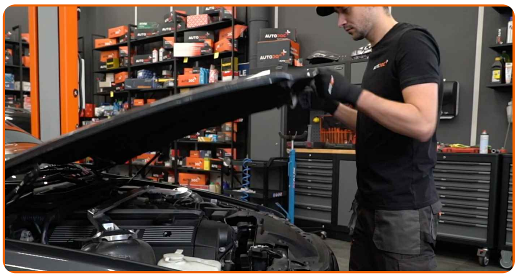
Replacement: serpentine belt – BMW E36. Tip from AUTODOC:

- All work should be done with the engine stopped.

REPLACEMENT: SERPENTINE BELT – BMW E36. RECOMMENDED SEQUENCE OF STEPS:

1

Open the hood.



2

Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.



3

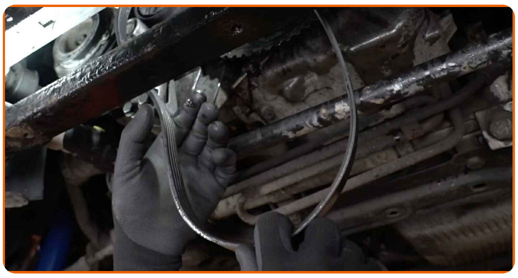
Lift the car using a jack or place it over an inspection pit.



4 Pull aside the AC compressor belt tensioner pulley. Use a drive socket #13. Use a ratchet wrench.

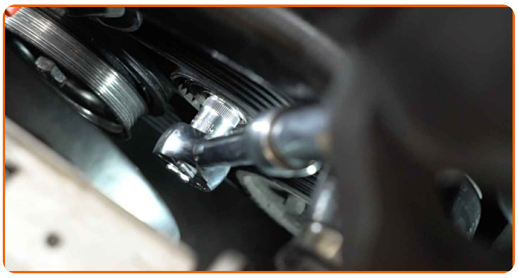


5 Remove the AC compressor belt.



6 Return the tensioner pulley to its initial position.

7 Pull aside the V-ribbed belt tensioner pulley. Use a drive socket #16. Use a ratchet wrench.



8 Remove the V-ribbed belt.



Replacement: serpentine belt – BMW E36. AUTODOC experts recommend:

- Check the condition of the tensioner pulley and idler pulley. Replace them if necessary.

9

Install the V-ribbed belt.



Replacement: serpentine belt – BMW E36. AUTODOC recommends:

- Make sure that the V-ribbed belt fits all pulleys snugly.

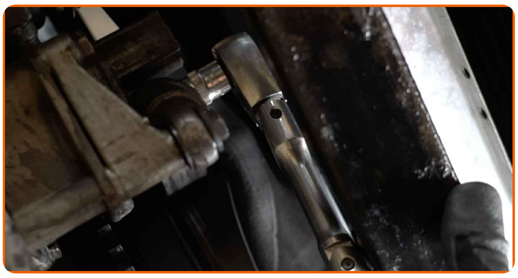
10

Return the tensioner pulley to its initial position. Use a drive socket #16. Use a ratchet wrench.



11

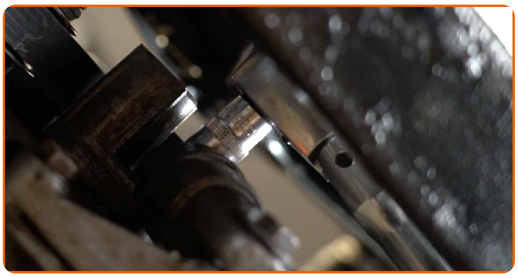
Pull aside the AC compressor belt tensioner pulley. Use a drive socket #13.



12 Install the AC compressor belt.



13 Return the tensioner pulley to its initial position.



14 Screw in the fastener of the AC compressor belt tensioner pulley. Use a drive socket #13. Use a torque wrench. Tighten it to 7 Nm torque.



15 Lower the car.



16 Run the engine for a few minutes. This is necessary in order to make sure that the component operates properly.

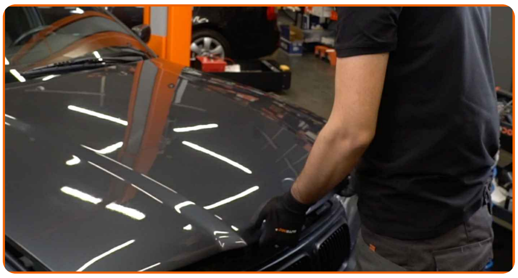


17 Shut off the engine.

18 Remove the fender protection cover.



19 Close the hood.

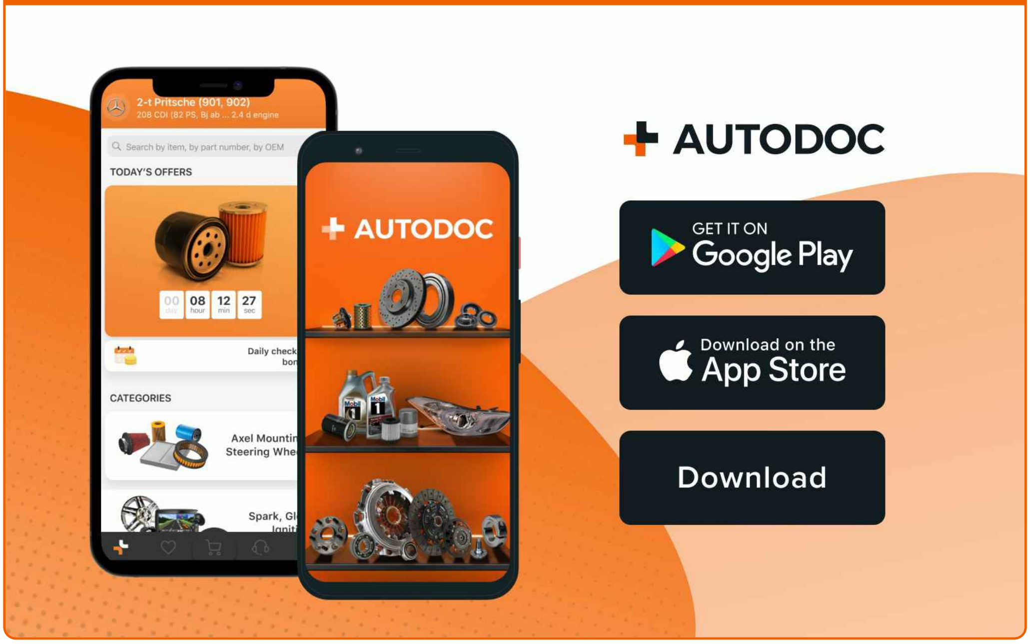


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SERPENTINE BELT: A WIDE SELECTION

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